Serial No. 10/582,031
Resp. dated July 9, 2009
Reply to Office Action of March 9, 2009

PATENT
PD030123
Customer No: 24498

AMENDMENTS TO THE SPECIFICATION

Please amend the Abstract to begin on a separate page and to read as follows:

Spread spectrum technology ~~and the related inserted or added information signal~~ ~~can be~~ is used for ~~implementing~~ watermarking digital audio signals. ~~A known~~ ~~processing for retrieving at receiver or decoder side the~~ To retrieve a watermark signal information bit from the spread spectrum at the receiver or decoder side, ~~is~~ ~~convolving~~ the received or replayed spectrum is convolved with a spreading function that is time-inverse with respect to the original spreading function. The pseudo noise sequences are modulated ~~one or more~~ on carrier frequencies which are inserted at one or more frequency bands into the spectrum of an audio signal. The watermark signal decoder checks the frequency bands occupied by such carriers. ~~According to the invention, the~~ The frequency band occupation information is ~~signalled~~ signaled in advance, i.e. is transmitted already together with the frame data for the current frame, such that the watermark signal decoder knows before processing the following audio signal frame which carrier ~~frequency~~ ~~or~~ frequencies are occupied and must be used for the corresponding carrier demodulation, and which carrier frequencies need not be checked and demodulated.